

25 YEAR RE-REVIEW

THIS DOCUMENT IS A  
SOURCE REFERENCE IN  
OC HISTORICAL PAPER  
NO. 00-1, VOL. 412

—DO NOT DESTROY—

30 August 1950

Chief, Engineering Branch  
THRU : Chief, Communications Division  
Chief, Operations Branch

Equipment for Opening Southeast Asia Communications Activity.

1. In line with a discussion held in the office of the Chief of the Communications Division 23 August 1950 with [redacted] and the undersigned present, the Operations Branch has the following operational requirements for a network of five stations in Southeast Asia [redacted]

2. [redacted]

The network M.C.S. will be at [redacted] with the receivers in [redacted] and the transmitters in the "Bo Hab" area [redacted]. These two sites are located [redacted] approximately 15 miles apart. [redacted] will make available receiver and transmitter housing when space and other requirements are known.

The [redacted] is required to be able to operate up to three simultaneous C.W. Simplex circuits or two Radio teletype circuits and one C.W. Simplex circuit. Powers in the order of 300/500 watts are required for all transmitters. Normally, C.W. operation will be used with RATT only resorted to when peak traffic loads make it imperative.

Normally, two close spaced three element rotary beams (or the equivalent) are required for reception on the two most used RATT frequencies (one to [redacted]). In addition an aperiodic omni-directional Antenna with multi-couple is required for general use for receiving.

Normally, two close spaced three element rotary beams (or the equivalent) are required for transmission on the two most used RATT frequencies (one to [redacted]). In addition, each transmitter requires a 35 ft. vertical whip or other simple omni-directional all frequency antenna for standby.

The receiver site also requires a standby C.W. transmitter (in the order of 300/500 watts) for general work on all frequencies with a whip or similar antenna. This transmitter will normally be used at night and at other times when the station is on a one operator standby status.

3. [redacted]

This station requires equipment to work on C.W. Simplex normally but be capable of switching to RATT when peak traffic loads make it imperative. It will be located in two adjacent rooms of one building. A transmitter in the order of 100 watts is required. Rotary transmitting and receiving close spaced three element beams (or the equivalent) are required for the most used pair of frequencies. An aperiodic omni-directional receiving antenna and a whip standby transmitting antenna are also required. Emergency power source must be provided. Local power is nominally 110 Volt 50 cycles A.C. but fluctuates and requires correction.

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4.

This station requires equipment to work on C.W. Simplex normally but be capable of switching to HART when peak traffic loads make it imperative. A transmitter in the order of 100 watts is required. Rotary transmitting and receiving close spaced three element beams (or the equivalent) are required for the most used pair of frequencies. An aperiodic omni-directional receiving antenna and a whip standby transmitting antenna are also required. An emergency power source must be provided. Local power is nominally 127/220 volt 50 cycles A.C. but fluctuates and requires correction.

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5.

This station requires equipment to operate on C.W. Simplex with a transmitter in the order of 100 watts. An aperiodic omni-directional antenna is required for receiving and a 35 ft. whip or equivalent antenna is required for transmission. An emergency power source is essential. Local power is nominally 110/220 volt 50 cycles 3 phase A.C. but it fluctuates and requires correction.

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6.

This station requires equipment to operate on C.W. Simplex with a transmitter in the order of 100 watts. An aperiodic omni-directional antenna is required for receiving and a 35 ft. whip or equivalent antenna is required for transmission. An emergency power source is essential. Local power is nominally 220 volts 50 cycles A.C. but it fluctuates and requires correction.

7. All stations require emergency equipment type RS-1 Ibrac with SSP-11 handgenerators.

8. Sufficient spares and supplies (including paper and tape) are required for one years operation.

9. Maintenance and installation tools are required.

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ORIG: OPS/ARE/KOE

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3B-99

THRU : Chief, Personnel Branch  
: Chief, Communications Division  
: Chief, Operations Branch

THIS DOCUMENT IS A  
SOURCE REFERENCE #9  
OC HISTORICAL PAPER  
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August 1950

— DO NOT DESTROY —

Personnel Requirements, Southeast Asia.

1. In line with a discussion held in the office of the Chief of the Communications Division, 23 August 1950, with [redacted] and the undersigned present, the Operations Branch has the following personnel requirements to fulfill an immediate operational need for [redacted] Communications in Southeast Asia.

2. All personnel will be assigned to the Southeast Asia area for a tour of duty of two years but subject to local rotation as deemed necessary by the Chief of the area and the Home Office.

3. Necessary slots are:

Office of the Chief, Commo Station

- |                         |            |       |
|-------------------------|------------|-------|
| 1. Chief, Commo Station | [redacted] | GS-12 |
| 2. Secretary-Steno      |            | GS-5  |

Technical Section

- |   |  |       |
|---|--|-------|
| 1. Electronics Engineer                 |  | GS-11 |
| 2. Electronics Engineer (Commo Devices) |  | GS-7  |

Operations Section

- |                              |  |      |
|------------------------------|--|------|
| 1. Commo Supervisor          |  | GS-9 |
| 2. Commo Supervisor          |  | GS-9 |
| 5. Commo Technician (Radio)  |  | GS-7 |
| 6. Commo Technician (Radio)  |  | GS-7 |
| 7. Commo Technician (Radio)  |  | GS-7 |
| 8. Commo Technician (Radio)  |  | GS-7 |
| 9. Commo Technician (Radio)  |  | GS-7 |
| 10. Commo Technician (Radio) |  | GS-7 |
| 11. Commo Technician (Radio) |  | GS-7 |

(Slot numbers above are those currently approved in "External Communications Unit No. I" of the Asiatic Communications Activity).

\* (SEACA slot which  
can be used for  
\* immediate recruit-  
ment subject to  
change in T/O).

- |                             |            |         |
|-----------------------------|------------|---------|
| 1. Chief, Commo Station     | [redacted] | GS-21   |
| 2. Commo Technician (Radio) |            | GS-7-5- |
| 3. Commo Technician (Radio) |            | GS-7-6- |
| 4. Commo Technician (Radio) |            | GS-7-7- |

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[Redacted]

(\*)

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- |                             |            |      |    |
|-----------------------------|------------|------|----|
| 1. Chief, Commo Station     | [Redacted] | GS-9 | 2  |
| 2. Commo Technician (Radio) |            | GS-7 | 3  |
| 3. Commo Technician (Radio) |            | GS-7 | 9  |
| 4. Commo Technician (Radio) |            | GS-7 | 10 |

(\*) SEACA slot which can be used for immediate recruitment subject to T/O change.

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[Redacted]

- |                             |  |      |    |
|-----------------------------|--|------|----|
| 1. Commo Technician (Radio) |  | GS-8 | 3  |
| 2. Commo Technician (Radio) |  | GS-7 | 11 |

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[Redacted]

- |                             |  |      |   |
|-----------------------------|--|------|---|
| 1. Commo Technician (Radio) |  | GS-8 | 4 |
|-----------------------------|--|------|---|

4. Request the T/O be changed to show the above units as a communications activity separate and apart from the Asiatic Communications Activity and known as the Southeast Asia Communications Activity. The proposed activity centered [Redacted] currently called SEACA will be henceforth more correctly termed the Indian Ocean Communications Activity.

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5. The personnel requested are needed ready for shipment by air forty days after the receipt of the official request for activation of these stations

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[Redacted]

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[Redacted]

ORIG: OPS/AGE/VOE

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